

Section 341

REFER TO FILE NO.

QC/NTME (341)

NAVY DEPARTMENT

BUREAU OF SHIPS

WASHINGTON 25, D. C.



14 December 1945

Subj: Microfilm of German Technical Documents - Introductory Statement for.

1. During the course of its field trips to examine German synthetic oil plants and to interrogate German technical personnel, the members of the Oil Team of the U.S. Naval Technical Mission in Europe obtained a number of technical documents for examination. Some of these documents were directly related to certain subjects in which immediate reports were desired and were incorporated in Technical Reports as microfilm appendices. Other documents, while probably of equal technical value were, due to limitations of time and translation facilities, saved for more detail study and examination. These latter documents have been indexed and microfilmed by the Bureau of Ships to preserve the technical information therein for future use and to make possible the dissemination necessary to give each activity an opportunity to study the particular topics of interest to it.

2. The documents in this series cover a variety of subjects. They are not arranged in any particular sequence, but have been separated arbitrarily into sections of a convenient size. An index to each section has been prepared and appears at the beginning of the appropriate section. In addition, the indexes of all sections have been photographed at the beginning of the first reel.

3. The contents of this film are not to be taken as a complete record of the information on any subject obtained by the U.S. Naval Technical Mission in Europe. Rather, reference should be made to the complete set of films which have been prepared by the Bureau of Ships if it is desired to review all the data available.

4. The Bureau of Ships, Research and Standards Branch, would appreciate receiving, for its technical files, a copy of any translations made of these data.

A handwritten signature in dark ink, appearing to read 'T. A. Solberg'. The signature is written in a cursive, slightly slanted style.

T. A. Solberg
By-direction of
Chief of Bureau

08706 - 08378

08106

1. Kaiser Wilhelm Institute for Coal research. Report on the status of research. "Further development of gasoline synthesis from Carbon Monoxide and Hydrogen, especially in the field of direct synthesis from iso-paraffin. Dec. 1942. Secret". 5 pgs. text. 5 graphs. 5 tables.
2. Report on Aviation gasoline and its production. M. Pier. 25 pgs. including graphs and tables. Undated.
3. Report on rosin formation and prevention in gasolines during storage and artificial aging. Referred to in colloquium 31 Jan. 1942. 20 pgs. including some illustrations and graphs. High pressure research Lu 558 27 Jan. 1942.
4. Tables of known hydrocarbons. I. G. Farben. 1 December, 1936. 34 tables and 3 supplementary tables in folio. 4 pgs. text.
5. Gas constant tables 4th edition data based on 0°C 760mm Hg. Leunawerke 6 July, 1932.
6. Research reports on fuel structure work done at the govt. research office. Vol. III May, 1942. Munich Chemical technology institute. 112 pgs. including graphs and illustrations.
7. Assembly of 56 photos with explanation showing damage resulting from bombing attack of 28 May 1944. 18 loose pictures no explanation. Leunawerke (in the vicinity of Merseburg).

08379 - 08498

Part 30

08379

1. The preparation of dicarboxylic acid by electrolysis.
2. Preparation of antioxidants for lubricating oils.
3. Preparation of higher boiling aromatic hydrocarbons.
4. Miscellaneous data on cyclohexane oxidation.